

# Receiving Report

Date:

12-8-13

Batch No:

122682

Supplier:

magna

Dart P/O:

17592

Packing Slip:

Yes ☒

No ☐

Invoice:

Yes ☒

No ☐

Receipt:

Cash ☐

Cr ☒

Release Note Attached:

Yes ☒

No ☐

N/A ☐

Waybill Attached:

Yes ☐

No ☒

N/A ☐

Shipment Complete:

Yes ☒

No ☐

N/A ☒

QC6 Inspection

OK

N/A ☒

Work Order

710213

N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

SP

Production/Admin:

Date

12-8-13

Received/Costing

Initial

SP

Location

MAT

## Purchase Order Receipt Listing

Monday, August 13, 2012 9:18:35 AM

All amounts are calculated in domestic currency.

All Vendors      PO ID PO17592      Receipt Dates from 8/13/2012 to 8/13/2012      All Line Item Types

All Item ID/GI/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

[illegible]



**Magna Stainless**  
5775 Kieran St, Saint-Laurent, Quebec H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

**PACKING LIST**

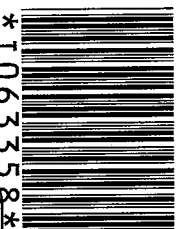
**SOLD TO:**  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

**SHIP TO:**  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

Contact: LINDA

Ship Terms: PREPAID

MTR: C



\* I 063358 \*

**SPECIAL INSTRUCTIONS**

STOCK  
SHIP WITH OTHER ORDER 70216

<b>Currency</b>		<b>Sales Person</b>		<b>Customer Phone</b>	<b>Customer Fax</b>	<b>Customer PO</b>		
CANADIAN DOLLARS		CHRISTINA ANTONIOU		(613) 632-5200	(613) 632-1053	PO17592		
<b>Sales Order</b>		<b>Terms</b>		<b>Ship Via</b>		<b>Date Ordered</b>	<b>Date Required</b>	<b>Date Shipped</b>
W070299		NET 30 DAYS		NIR: R-557065-1		08/01/12	08/13/12	08/13/12

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
4 ✓		PC	STAINLESS ROUNDS SRB 304 7/16" x R/L ✓	I064928	(24146)	4
4 ✓		PC	SRB 304 1/4" x R/L ✓	I053358	(J-906)	4
2 ✓		PC	SRB 303 2" x R/L ✓	I059510	(C-132)	2
SURCHARGE SUR CARBURANT SHIP WITH ORDER W 70216 ENTERED BY JENN FOR CHRISTINA 304 BAR SPEC MUST BE PER ASTM A276						
Bundles: 1						288 LB

88 D-8-13

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_

**VIRAJ**

# TEST CERTIFICATE

ORDER NO

P01084

PACKING LIST NO

51/929718/8

INSPECTION NO.

100001254300

GRADE

304/304L

DATE \_\_\_\_\_

31.08.2011

HEAT No

24146

**BUNDLE NO :**

5128039, 5128038, 5128037, 5128036

### DESCRIPTION

## STAINLESS STEEL BRIGHT BARS

COLD DRAWN POLISHED - 2H

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
7/16"	ROUND	ASTM A484	12' - 14'	648	4,035.000 LB

## CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0260	1.700	0.470	0.0260	0.0390	18.330	8.050	0.510	0.270	0.130	0.07200

## TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
95.0	107.0	42.0	71.0	220.0	7.0

**SPECIFICATION:**

MATERIAL CONFIRMS TO DIN EN 10088-3:2005;WNR 1.4301/L.4307 EN 10222-5 AND EN 10272 COND-A & ASTM A182/A-182M-09, A276-10 COND A, A479/A479M-06a COND A, A193/A193M-10a B8 CL-1, A320/A320M-05a B8 CL-1, A484 10, A388/A388M-05 ASME SA182-04, SA479-04, SA193-04 B8 CL-1, SA320-04 B8 CL-1,ASTM A314-2002, IGC SATISFACTORY AS PER ASTM A 262-01a PRACTICE E, AMS 5639H/AMS5647H (EXCEPT MARKING), QQ-S-763F, NACE-MR0175-2002, SAE-AMS-S-7720A, MIL-S-862-B, AISI 304/304L & UNS#S30400/S30403. CERTIFICATION AS PER EN 10204-3.1.

## REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO:FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO:GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1/2 HRS, WATER QUENCHED. MELT SOURCE:AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION.COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

WORKS INSPECTOR  
K R K MURTHY

**MILL TEST CERTIFICATE AS PER EN-10204 3.1**

**Customer Name :-** MAGNA STAINLESS INC (DIV OF CANADIAN SPECIALTY METALS INC.)  
5775 RUE KIERAN  
ST-LAURENT QUEBEC H4S 0A3  
CANADA

F/QA/8.2.4/04  
REV:00  
T.C.No : E/051  
DATE OF ISSUE: 6/6/2011  
INVOICE NO: RMPL /EXP /051/2011-12

P11975  
C034544

**TYPE OF MATERIAL** : STAINLESS STEEL ROUND BRIGHT BARS.  
**GRADE** : AISI 303 & 304L & 316L  
**QTY** : 10511Kgs.  
**COLOUR CODE** : 303 (RED+BLACK) 304L (GREEN+WHITE) 316L (RED+WHITE)

We hereby certify that material description herein have been manufactured and tested with  
Satisfactory result in accordance with ASTM-A 276-08a, ASTM A479/A479m-08, ASTM-A-582/A-582M-05.

**CHEMICAL COMPOSITION**

GRADE	SHAPE	SIZE (Inch)	LENGTH (FT.)	PCS	QTY (Kgs.)	H.No	SUPPLY COND	C%	Mn%	Si%	S%	P%	Cr%	Ni%	Mo%	Cu%	N2%
303	ROUND	1/4"	12'-12'2"	436	403	HS3585	STAINLESS STEEL ROUND BRIGHT BARS.	0.056	1.55	0.34	0.265	0.035	17.85	8.05	0.20	0.32	0.0650
303	ROUND	3/8"	12'-12'2"	618	1280	HS3720	STAINLESS STEEL ROUND BRIGHT BARS.	0.043	1.72	0.32	0.240	0.038	17.30	8.11	0.25	0.28	0.0605
303	ROUND	1/2"	12'-12'2"	137	510	HS3090	STAINLESS STEEL ROUND BRIGHT BARS.	0.036	1.80	0.30	0.236	0.039	17.65	8.15	0.13	0.10	0.0657
304L	ROUND	3/16"	12'-12'2"	1920	993	J-906	STAINLESS STEEL ROUND BRIGHT BARS.	0.023	0.86	0.45	0.013	0.044	18.24	8.03	0.30	0.50	0.0590
304L	ROUND	1/4"	12'-12'2"	2342	2165	J-906	STAINLESS STEEL ROUND BRIGHT BARS.	0.023	0.86	0.45	0.013	0.044	18.24	8.03	0.30	0.50	0.0590
304L	ROUND	3/8"	12'-12'2"	850	1770	J-120	STAINLESS STEEL ROUND BRIGHT BARS.	0.030	0.89	0.44	0.024	0.045	18.25	8.05	0.28	0.50	0.0700
304L	ROUND	3-1/4"	12'-12'2"	4	628	830	STAINLESS STEEL ROUND BRIGHT BARS.	0.027	1.27	0.35	0.023	0.042	18.20	8.07	0.33	0.48	0.0680
316L	ROUND	3/8"	12'-12'2"	182	378	J-776	STAINLESS STEEL ROUND BRIGHT BARS.	0.026	0.83	0.31	0.018	0.043	16.57	10.02	2.00	0.50	0.0657
316L	ROUND	4"	12'-12'2"	10	2384	1280	STAINLESS STEEL ROUND BRIGHT BARS.	0.020	1.26	0.42	0.018	0.040	16.50	10.07	2.04	0.33	0.0700

**MECHANICAL PROPERTIES**

GRADE	SHAPE	SIZE (Inch)	TOLE.	HEAT No.	U.T.S (Mpa)	Y.S. (Mpa)	Elongation %	RA %	Hardness (BHN)
303	ROUND	1/4"	h-9	HS3585	645	368	45	71	195
303	ROUND	3/8"	h-9	HS3720	660	469	47	69	200
303	ROUND	1/2"	h-9	HS3090	628	367	46	70	185
304L	ROUND	3/16"	h-9	J-906	649	462	50	67	195
304L	ROUND	1/4"	h-9	J-906	671	476	47	70	205
304L	ROUND	3/8"	h-9	J-120	657	369	45	64	195
304L	ROUND	3-1/4"	h-11	830	659	468	46	69	179
316L	ROUND	3/8"	h-9	J-776	654	389	45	71	195
316L	ROUND	4"	h-11	1280	671	476	47	71	205

The above material checked and found free of radioactive contamination. & free from magnetic property.

Surface Inspection & Dimension & Chemical Composition as per order requirements.

LC & CONTRACT DETAILS: RMPL/SC/0106/2010-11 DTD: 21.10.2010, P.O. NO. P011975 DATED 10.10.2010, LC NO. I700743 DTD 20.10.2010

**STATE BANK OF INDIA**  
COMMERCIAL BRANCH AHMEDABAD  
BRI No. 5010/11/NCI  
101542

Prepared by  
ASL

Approved by (MANAGER (Q.C.))  
[Signature]

327-A, Akshar Arcade, Opp. Memnagar Fire Station, Navrangpura, Ahmedabad-380 009, Gujarat, India.

Ph : +91-79-26401487 / 88 / 89 / 97, Fax : +91 - 79 - 26400722 Email : mail@ratneshmetal.com

Read. Off. & Works : Survey No. 900, Village Ranasan Tal Vilanur Dist : Mehsana Pin - 382870 Gujarat (India) Ph : +91 - 2763 - 284481 284943

# Ratnesh

Metal Industries Pvt. Ltd.

ISO 9001 : 2008 Certified Company

MAGN  
QC2

15530

## MILL TEST CERTIFICATE AS PER EN-10204 3.1

Customer Name :-

MAGNA STAINLESS O/A CANADIAN  
SPECIALTY METALS ULC.  
5775 RUE KIERAN, ST. LAURENT,  
QUEBEC, H4S 0A3  
CANADA

F/QA/8.2.4/04

REV:00

T.C.No : E/0170

DATE OF ISSUE: 27/12/2011

INVOICE NO: RMPL/EXP/192/2011-12

TYPE OF MATERIAL

: STAINLESS STEEL ROUND BRIGHT BARS.

GRADE

: AISI 303/1.4305 & 304L/1.4307 & 316L/1.4404

QTY

: 17206Kgs.

COLOUR CODE

: 303/1.4305 (RED+BLACK) 304L/1.4307 (GREEN+WHITE) 316L/1.4404 (RED+WHITE)

We hereby certify that material description herein have been manufactured and tested with

Satisfactory result in accordance with ASTM-A 276-08a, ASTM A479/A479m-08, ASTM-A-582/A-582M-05, DIN EN 10088-3, ASME SA 479.

### CHEMICAL COMPOSITION

GRADE	SHAPE	SIZE	LENGTH	PCS	QTY	H.No	SUPPLY COND	C%	Mn%	Si%	S%	P%	Cr%	Ni%	Mo%	N2%
		(Inch)	(FT.)		(Kgs.)											
304L/1.4307	ROUND	1/4"	12'-12"2"	1106	1018	J-323	Cold Drawn, Polished, Round Bright Bars.	0.029	1.52	0.35	0.024	0.045	18.50	8.02	-	0.0700
304L/1.4307	ROUND	1-1/4"	12'-12"2"	40	914	J-791	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.026	0.79	0.54	0.022	0.040	18.20	8.10	-	0.0650
304L/1.4307	ROUND	2-3/4"	12'-12"2"	20	898	J-810	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.023	1.22	0.42	0.013	0.044	18.35	8.04	-	0.0697
304L/1.4307	ROUND	2"	12'-12"2"	24	1417	J-810	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.023	1.22	0.42	0.013	0.044	18.35	8.04	-	0.0697
304L/1.4307	ROUND	2-1/2"	12'-12"2"	16	1472	J-810	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.023	1.22	0.42	0.013	0.044	18.35	8.04	-	0.0697
304L/1.4307	ROUND	3-1/2"	12'-12"2"	3	542	629	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.030	1.60	0.48	0.014	0.044	18.35	8.27	-	0.0690
316L/1.4404	ROUND	7/8"	12'-12"2"	45	514	J-508	Cold Drawn, Polished, Round Bright Bars.	0.029	1.00	0.50	0.024	0.045	16.00	10.11	2.00	0.0580
316L/1.4404	ROUND	1-1/4"	12'-12"2"	41	942	J-805	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.022	0.70	0.54	0.024	0.045	16.65	10.04	2.00	0.0700
316L/1.4404	ROUND	2"	12'-12"2"	60	3570	J-805	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.022	0.70	0.54	0.024	0.045	16.65	10.04	2.00	0.0700
303/1.4305	ROUND	2"	12'-12"2"	35	2047	C132	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.043	1.77	0.40	0.310	0.037	17.81	8.27	-	0.0640
303/1.4305	ROUND	2-1/2"	12'-12"2"	14	1274	C132	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.043	1.77	0.40	0.310	0.037	17.81	8.27	-	0.0640
303/1.4305	ROUND	3"	12'-12"2"	22	2786	C132	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.043	1.77	0.40	0.310	0.037	17.81	8.27	-	0.0640
303/1.4305	ROUND	3-1/4"	12'-12"2"	2	312	C132	Hot Rolled, Peeled, Polished, Round Bright Bars.	0.043	1.77	0.40	0.310	0.037	17.81	8.27	-	0.0640

### MECHANICAL PROPERTIES

GRADE	SHAPE	SIZE	TOL.	HEAT	U.T.S	Y.S.	Elongation	RA	Hardness
		(Inch)		No.	(Mpa)	(Mpa)	%	%	(BHN)
304L/1.4307	ROUND	1/4"	h-9	J-323	684	485	44	69	209
304L/1.4307	ROUND	1-1/4"	h-9	J-791	657	467	47	71	165
304L/1.4307	ROUND	1-3/4"	h-9	J-810	584	420	44	68	162
304L/1.4307	ROUND	2"	h-9	J-810	587	422	49	71	175
304L/1.4307	ROUND	2-1/2"	h-11	J-810	575	414	50	68	171
304L/1.4307	ROUND	3-1/2"	h-11	629	559	403	46	74	165
316L/1.4404	ROUND	7/8"	h-9	J-508	674	478	44	71	208
316L/1.4404	ROUND	1-1/4"	h-9	J-805	627	448	45	68	165
316L/1.4404	ROUND	2"	h-9	J-805	628	448	44	71	160
303/1.4305	ROUND	2"	h-9	C132	627	448	46	64	179
303/1.4305	ROUND	2-1/2"	h-11	C132	594	426	47	69	175
303/1.4305	ROUND	3"	h-11	C132	589	423	48	71	156
303/1.4305	ROUND	3-1/4"	h-11	C132	658	456	45	69	159

Surface Inspection & Dimension & Chemical Composition as per order requirements.

Strightness tolence is according to the Requirement of DIN EN 10278.

LC & CONTRACT DETAILS: RMPL/SC/071/2011-12 DTD 21.07.2011, P.O. NO. P015530 DTD 20.07.2011, LC NO. 653422-02 DTD 20110831

Prepared by

Approved by (MANAGER (QC))

327-A, Akshar Arcade, Opp. Memnagar Fire Station, Navrangpura, Ahmedabad-380 009, Gujarat, India.

Ph : +91-79-26401487 / 88 / 89 / 97, Fax : +91 - 79 - 26400722 Email : mail@ratneshmetal.com

Regd. Off. & Works : Survey No. 900, Village Ranasan, Tal. Vijapur, Dist. : Mehsana, Pin - 382870, Gujarat (India). Ph. : +91 - 2763 - 284481, 284943

Tele/Fax : +91 - 2763 - 284552 Web : www.ratneshmetal.com

COU8761



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO17592**

Purchase Order Date 8/1/2012

PO Print Date 8/1/2012

Page Number 1 of 2

**Order From :**

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name  
Vendor Phone 800 363 6646  
Vendor Fax 514 339 1105  
Vendor Account Nbr

Buyer Brigitte Golden  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency CAD  
FOB Destination-Collect

**Ship To :**

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
2	M304R0.4375	✓ 304 ROUND BAR 0.4375	8/3/2012 Yes	48.00 f	Yours ppd	\$1.6667	\$80.00
Special Inst:			MAT: AISI 304/316 SS ROUND BAR (NOTE: AISI 303 NOT ACCPETABLE) SPEC: ASTM A276				
3	M304R.250	✓ 304 SS Round bar .250	8/3/2012 Yes	48.00 f	Yours ppd	\$0.8333	\$40.00
Special Inst:			SAME AS ABOVE				
4	M303R2.000	✓ 303 ROUND BAR 2"	8/3/2012 Yes	24.00 Each	Yours ppd	\$27.9167	\$670.00
Special Inst:			MAT: AISI 303SS ROUND BAR (NOTE: AISI 304/316 NOT ACCPETABLE)				
			2 PC				

68 12-8-13

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required - YES NO

Change Nbr: 2

Change Date: 8/1/2012



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO17592**

Purchase Order Date 8/1/2012

PO Print Date 8/1/2012

Page Number 2 of 2

**Order From :**

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

**Contact Name**

**Vendor Phone**

800 363 6646

**Vendor Fax**

514 339 1105

**Vendor Account Nbr**

**Buyer**

Brigitte Golden

**Requisition Nbr**

**Tax Resale Nbr**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

Destination-Collect

5 SURCHARGE ON  
CARBURANT

8/3/2012

1.00 Yours ppd

\$25.0000

\$25.00

No

**PO Total:**

**\$815.00**

5812-8-13.

Change Nbr: 2

Change Date: 8/1/2012

No substitution or deviation without  
consent.

Certificate of Conformity or Material  
Certification required - YES NO